

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101321\
 Data File : VW020455.D
 Acq On : 13 Oct 2021 11:46
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025031

Quant Time: Oct 14 00:56:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 13 02:22:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	248219	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	226476	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	112732	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	70483	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
7) Chloroethane-d5	2.879	69	40396	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.68%
11) 1,1-Dichloroethene-d2	4.019	63	162181	21.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.64%
21) 2-Butanone-d5	7.086	46	59401	54.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.08%
24) Chloroform-d	7.653	84	183636	23.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	8.305	65	107280	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.96%
32) Benzene-d6	8.275	84	348958	23.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.68%
36) 1,2-Dichloropropane-d6	9.275	67	112043	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.32%
41) Toluene-d8	10.323	98	315221	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.32%
43) trans-1,3-Dichloroprop...	10.579	79	48963	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.28%
47) 2-Hexanone-d5	10.927	63	43891	58.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.52%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	94699	25.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.20%
66) 1,2-Dichlorobenzene-d4	13.853	152	105122	23.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.36%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	28775	17.94	ug/L	99
3) Chloromethane	2.209	50	69302	20.78	ug/L	97
5) Vinyl chloride	2.355	62	101492	21.64	ug/L	98
6) Bromomethane	2.776	94	42521	20.87	ug/L	98
8) Chloroethane	2.916	64	37697	21.76	ug/L	98
9) Trichlorofluoromethane	3.251	101	60267	22.58	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	87274	22.93	ug/L	100
12) 1,1-Dichloroethene	4.038	96	82004	23.50	ug/L	98
13) Acetone	4.129	43	44963	44.55	ug/L	100
14) Carbon disulfide	4.379	76	247305	21.79	ug/L	99
15) Methyl Acetate	4.678	43	47869	25.54	ug/L	99
16) Methylene chloride	4.916	84	87148	18.06	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	86056	23.50	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	136272	26.42	ug/L	100
19) 1,1-Dichloroethane	6.220	63	174068	23.19	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	91998	24.17	ug/L	93
22) 2-Butanone	7.177	43	64251	50.86	ug/L	99
23) Bromochloromethane	7.519	128	39879	23.89	ug/L	96
25) Chloroform	7.677	83	170587	23.38	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	118982	23.84	ug/L	100
29) Cyclohexane	7.958	56	163019	24.59	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	135397	24.07	ug/L	99
31) Carbon tetrachloride	8.067	117	117143	23.68	ug/L	100
33) Benzene	8.323	78	379604	23.53	ug/L	100
34) Trichloroethene	9.092	95	94538	23.79	ug/L	99
35) Methylcyclohexane	9.335	83	164231	24.15	ug/L	99
37) 1,2-Dichloropropane	9.372	63	97912	23.44	ug/L	99
38) Bromodichloromethane	9.646	83	120309	24.02	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	146770	25.47	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	136302	54.36	ug/L	99
42) Toluene	10.390	91	395355	24.43	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	129768	25.54	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	66844	24.92	ug/L	95
46) Tetrachloroethene	10.866	164	69479	24.34	ug/L	94
48) 2-Hexanone	10.969	43	98946	53.79	ug/L	98
49) Dibromochloromethane	11.128	129	75789	25.65	ug/L	93
50) 1,2-Dibromoethane	11.238	107	63005	25.57	ug/L	96
51) Chlorobenzene	11.658	112	236863	23.74	ug/L	98
52) Ethylbenzene	11.731	91	430579	24.54	ug/L	98
53) m,p-Xylene	11.841	106	160549	24.70	ug/L	99
54) o-Xylene	12.164	106	151706	25.27	ug/L	100
55) Styrene	12.183	104	267112	25.45	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	83906	25.23	ug/L	97
59) Bromoform	12.347	173	40590	25.70	ug/L	100
60) Isopropylbenzene	12.463	105	423284	25.58	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	63911	25.73	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	350694	25.96	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	352802	26.37	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	175824	24.56	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	178783	24.14	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	158573	24.18	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	13812	26.18	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	124356	24.36	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	99593	24.64	ug/L	100
71) Naphthalene	15.365	128	200063	27.53	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	91399	25.74	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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